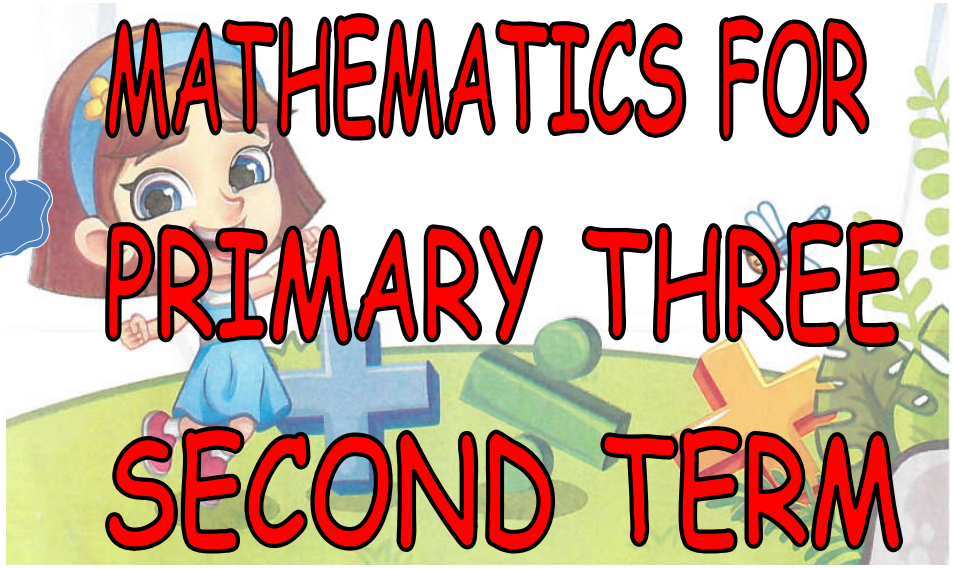


MATHEMATICS FOR PRIMARY THREE SECOND TERM

PREPARED BY
Mr. MAHMOUD MOHEB

Part (1) 2021

Name : .....

School : .....

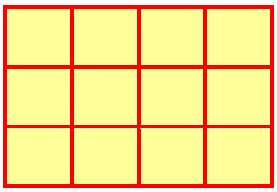
Grade : ..... Class : .....

Teacher's name : .....

Sheet One

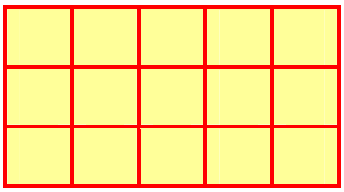
[1] CONNECT

Find the area and the perimeter:



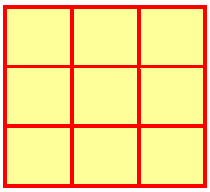
The area = ... square units

The perimeter = ... units



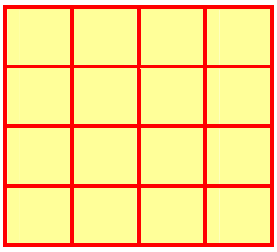
The area = ... square units

The perimeter = ... units



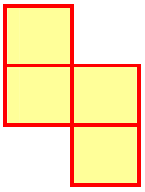
The area = ... square units

The perimeter = ... units



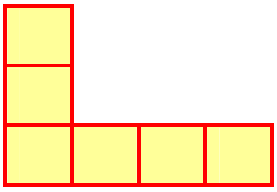
The area = ... square units

The perimeter = ... units



The area = ... square units

The perimeter = ... units



The area = ... square units

The perimeter = ... units

[2] Associative Property

Complete:

$4 \times (5 \times 2) = \_\_\_\_ \times \_\_\_\_ = \_\_\_\_$

$(4 \times 5) \times 2 = \_\_\_\_ \times \_\_\_\_ = \_\_\_\_$

$2 \times (5 \times 6) = \_\_\_\_ \times \_\_\_\_ = \_\_\_\_$

$(2 \times 5) \times 6 = \_\_\_\_ \times \_\_\_\_ = \_\_\_\_$

$2 \times (3 \times 4) = \_\_\_\_ \times \_\_\_\_ = \_\_\_\_$

$(2 \times 3) \times 4 = \_\_\_\_ \times \_\_\_\_ = \_\_\_\_$

Complete:

$(2 \times 5) \times 9 = 2 \times (5 \times \_\_\_\_)$

$(3 \times 4) \times 7 = 3 \times (4 \times \_\_\_\_)$

$(\_\_\_\_ \times 7) \times 2 = 5 \times (7 \times 2)$

$(4 \times 6) \times 8 = 4 \times (\_\_\_\_ \times 8)$

$(9 \times \_\_\_\_) \times 3 = 9 \times (5 \times 3)$

$(4 \times \_\_\_\_) \times 7 = 4 \times (5 \times \_\_\_\_)$

$(2 \times 5) \times \_\_\_\_ = 2 \times (\_\_\_\_ \times 9)$

$(3 \times \_\_\_\_) \times 2 = \_\_\_\_ \times (8 \times 2)$

Find the product in two ways:

$2 \times 10 \times 3$

$(2\times10)\times3$	$2\times(10\times3)$
$= 20\times3$	$= 2\times30$
$= 60$	$= 60$

$2 \times 20 \times 3$

.....	.....
.....	.....
.....	.....

$10 \times 3 \times 7$

.....	.....
.....	.....
.....	.....

$5 \times 2 \times 3$

.....	.....
.....	.....
.....	.....

$3 \times 10 \times 5$

.....	.....
.....	.....
.....	.....

$3 \times 6 \times 10$

.....	.....
.....	.....
.....	.....

$3 \times 10 \times 5$

.....	.....
.....	.....
.....	.....

$3 \times 6 \times 10$

.....	.....
.....	.....
.....	.....

Circle the equations that have the same value:

A	(9×2)×5	9×(2×5)	11×5	9×10
B	(4×10)×3	4×30	4×(10×3)	4×13
C	9×(3×5)	9×15	9×8	9×(3×5)
D	(10×10)×4	10×14	100×4	40×10
E	36×15	(4×9)×15	(3×8)×15	36×(3×5)
F	(5×2)×8	5×10	5×(2×8)	10×8

Put the suitable sign (<), (>) or (=):

A	(6×5)×8	.....	6×(5×8)
B	18×13	.....	(2×6)×13
C	(15×4)×11	.....	15×(4×11)
D	(25×10)×4	.....	25×40
E	(9×2)×5	.....	135
F	(3×5)×6	.....	90
G	(7×3)×5	.....	24×5

Circle: agree (👍) or disagree (👎)

A	(6×5)×8	=	30×8	👍	👎
B	18×13	>	(3×6)×13	👍	👎
C	(15×4)×11	<	15×(4×11)	👍	👎
D	(25×10)×4	=	25×40	👍	👎
E	(9×2)×5	<	135	👍	👎
F	(3×5)×6	=	90	👍	👎
G	(7×3)×5	<	24×5	👍	👎

A Kamal bought 2 boxes filled with bags of apples. Each box had 3 bags with 5 apples. How many apples did Kamal buy?

……

B Hoda bought 4 boxes filled with bags of mangos. Each box had 5 bags with 7 kilograms of mangos. How many kilograms of mango did Hoda buy?

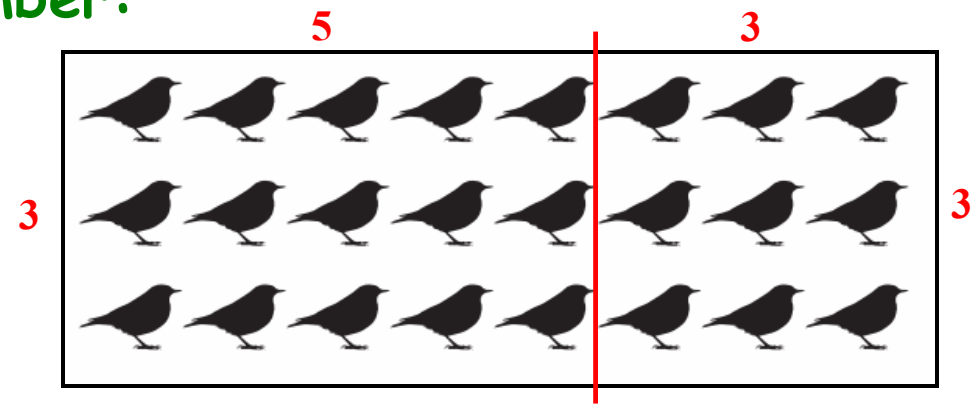
……

C Alaa bought 2 boxes filled with bags of ballons in her birthday. Each box had 6 bags with 10 ballons. How many ballons did Alaa buy?

……

[3] Distribution Property

Remember:



$8 \times 3 = (3 \times 3) + (5 \times 3)$

Example:

$8 \times 13 = 8 \times (10 + 3)$

$= (8 \times 10) + (8 \times 3)$

$= 80 + 24$

$= 104$

Complete:

$6 \times 12 = 6 \times (10 + \ldots\ldots)$

$= (6 \times \ldots\ldots\ldots) + (6 \times \ldots\ldots\ldots)$

$= \ldots\ldots\ldots\ldots + \ldots\ldots\ldots\ldots$

$= \ldots\ldots\ldots\ldots$

$9 \times 15 = 9 \times (\ldots\ldots + \ldots\ldots)$

$= (9 \times \ldots\ldots) + (9 \times \ldots\ldots)$

$= \ldots\ldots + \ldots\ldots$

$= \ldots\ldots$

$4 \times 17 = 4 \times (10 + \ldots\ldots)$

$= (4 \times \ldots\ldots) + (4 \times \ldots\ldots)$

$= \ldots\ldots + \ldots\ldots$

$= \ldots\ldots$

$5 \times 18 = 5 \times (\ldots\ldots + \ldots\ldots)$

$= (5 \times \ldots\ldots) + (5 \times \ldots\ldots)$

$= \ldots\ldots + \ldots\ldots$

$= \ldots\ldots$

$6 \times 14 = 6 \times (\ldots\ldots + \ldots\ldots)$

$= (6 \times \ldots\ldots) + (6 \times \ldots\ldots)$

$= \ldots\ldots + \ldots\ldots$

$= \ldots\ldots$

$3 \times 15 = 3 \times (10 + \ldots\ldots)$

$= (3 \times \ldots\ldots) + (3 \times \ldots\ldots)$

$= \ldots\ldots + \ldots\ldots$

$= \ldots\ldots$

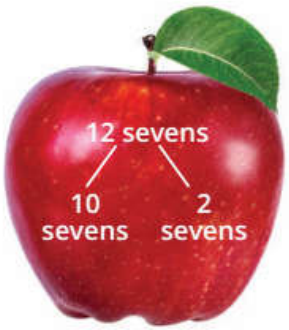
$4 \times 9 = 4 \times (\ldots\ldots + \ldots\ldots)$

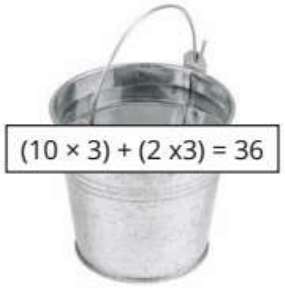
$= (4 \times \ldots\ldots) + (4 \times \ldots\ldots)$

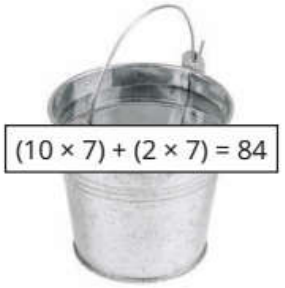
$= \ldots\ldots + \ldots\ldots$

$= \ldots\ldots$

Hossam went to the apple orchard. There were 12 apple trees, and each tree had 7 apples. How many apples were there in all at the orchard?

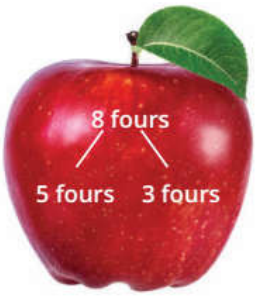




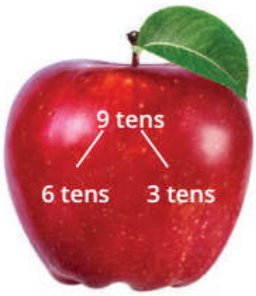


Now look at each equation and the apple below it. Draw a line to match each apple with the pail that shows the equation that correctly uses the Distributive Property to solve the problem.

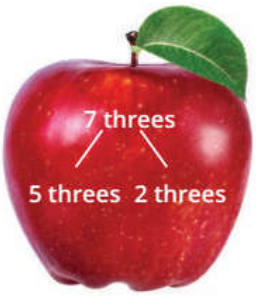
8 × 4 =

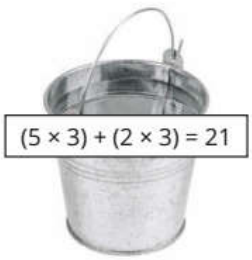


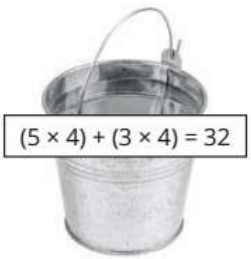
9 × 10 =

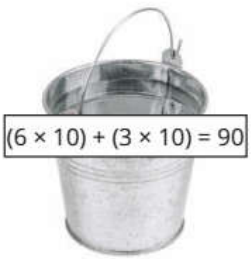


7 × 3 =









7 twos

5 twos 2 twos

11 fives

9 fives 2 fives

7 tens

2 tens 5 tens

(2×5)+(9×5)=55

(5×10)+(2×10)=70

(5×2)+(2×2)=14

Circle the equations that have the same value:

A	5×9	(5×2)+(5×5)	(5×2)+(5×7)	(5×3)+(5×6)
B	7×(4+5)	(7×4)+(7×5)	28+35	7×4×5
C	(5×3)+(5×7)	5×10	5×11	5×(3+7)
D	12×9	9×12	(9×2)+(9×10)	12+9

Circle: agree (👍) or disagree (👎):

A	9×(7+3) = (9×7) + (9×3)	👍	👎
B	(3 × 10) × 4 = 200	👍	👎
C	2×(5+7) = (2×5) + (2×7)	👍	👎
D	(5×2)×7 = 10 × 7	👍	👎
E	(7×2)×5 = 7 × 10	👍	👎
F	(3×5) = (3×2) + (3×4)	👍	👎
G	4×(3×12) = (4×3)×12	👍	👎
H	(8×2) + (8×5) = 8 × 7	👍	👎

[4] Estimating the Product

Estimate the product and then find the actual solution:

5 × 16		Acceptable	Not-Acceptable
Estimation	Actual		
			

8 × 12		Acceptable	Not-Acceptable
Estimation	Actual		
			

5 × 2 × 6		Acceptable	Not-Acceptable
Estimation	Actual		
			

5 × 16		Acceptable	Not-Acceptable
Estimation	Actual		
			

Dalia had 8 baskets, each basket held 6 eggs. How many eggs did Dalia have in all?

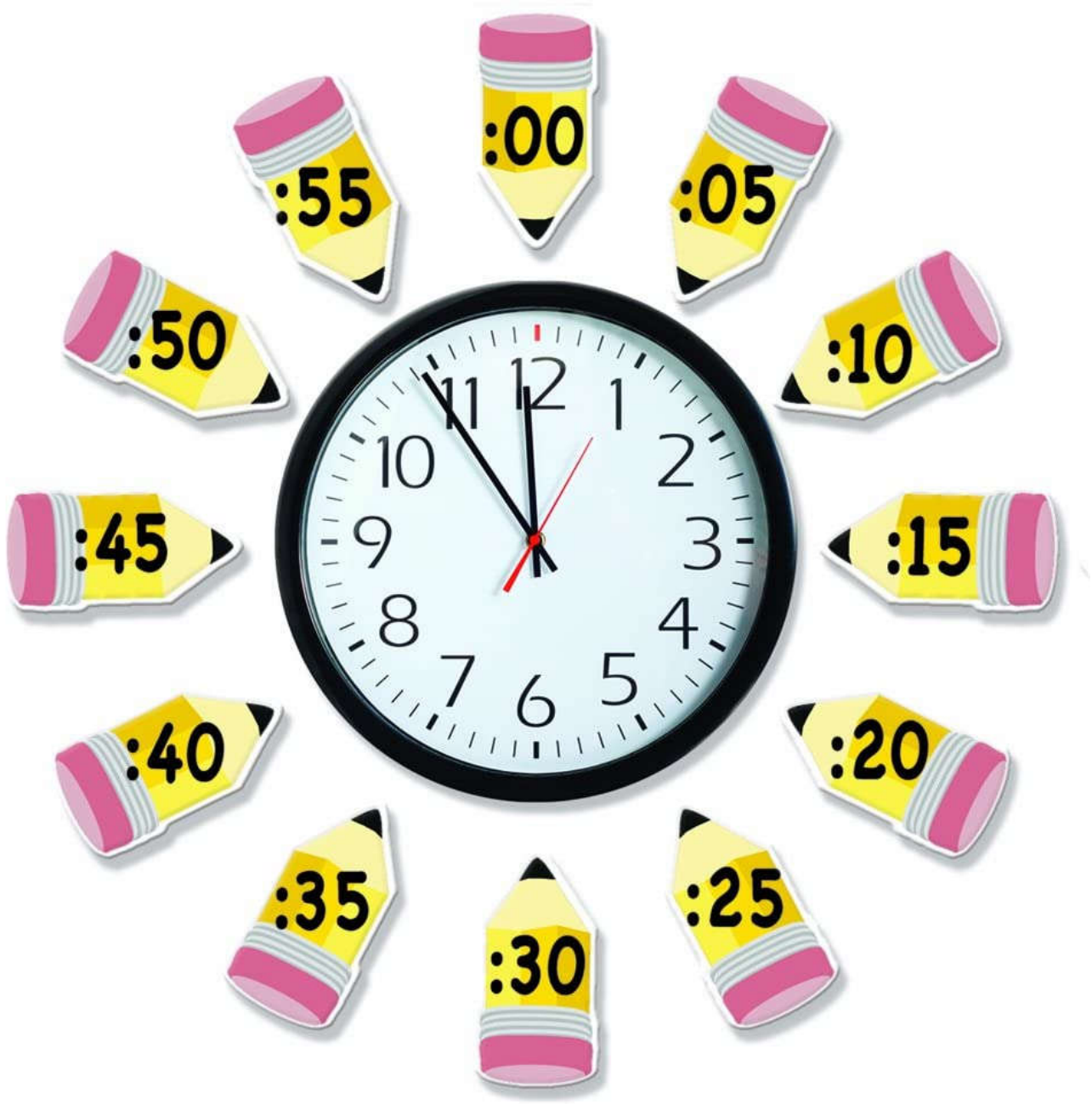
8 × 6		Acceptable	Not-Acceptable
Estimation	Actual		
			

Amir had 4 boxes. In each box there were 3 dolls, and each doll had 2 buttons on its shirt. How many buttons were there?

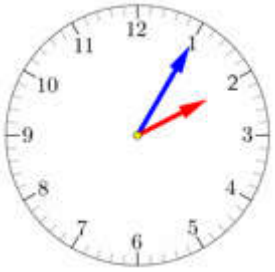
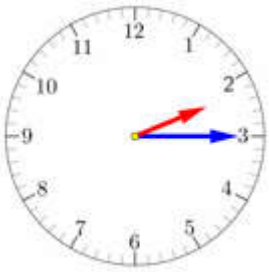
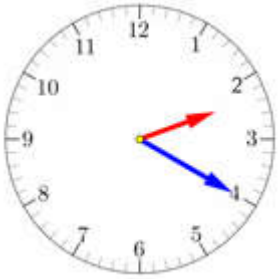
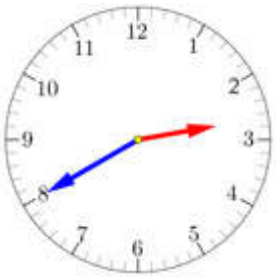
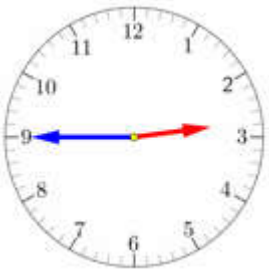
4 × 3 × 2		Acceptable	Not-Acceptable
Estimation	Actual		
			

Sheet Two

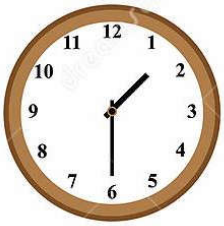
[1] Telling Time



Write the time:

 ..... :	 ..... :	 ..... : .....
 ..... :	 ..... :	 ..... : .....
 ..... :	 ..... :	 ..... : .....
 ..... :	 ..... :	 ..... : .....

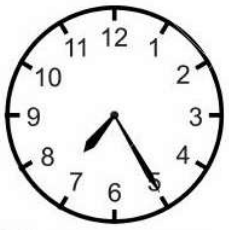
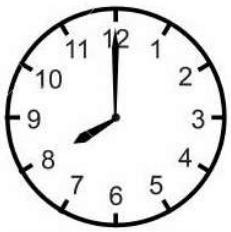
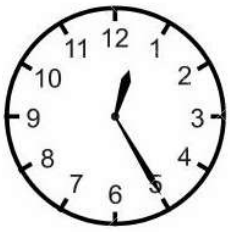
Choose the correct answer:

A	 04:30 03:20 03:40	B	 08:05 08:10 01:40
C	 02:30 06:10 01:30	D	 11:25 11:50 05:55
E	 07:45 09:35 06:45	F	 06:25 07:35 05:35
G	 03:45 02:40 08:15	H	 10:30 03:45 10:15
I	 09:50 11:50 09:55	J	 02:40 04:20 04:10

Write the time:

 ..... :	 ..... :	 ..... : .....
 ..... :	 ..... :	 ..... : .....
 ..... :	 ..... :	 ..... : .....
 ..... :	 ..... :	 ..... : .....

Circle: agree (👍) or disagree (👎):

 7 : 25	 11 : 10	 8 : 00
 12 : 25	 3 : 30	 1 : 00
 10 : 55	 5 : 25	 9 : 12

[2] Relation between Multiplication and Division

Read the following problems carefully and then answer:

A teacher wants to divide 20 pupils into 2 equal sets. How many pupils in each set?

.....

Hoda distributed 30 candies equally among 6 friends. How many candies each of them took?

.....

A farmer picked 21 flowers and put them equally in 7 baskets. How many flowers in each basket?

.....

A mother distributed 36 oranges in 9 plates. How many oranges in each plate?

.....

A father distributed 60 pounds equally among his five sons. What is the share of each son?

.....

Complete the fact family in each of the following group:

2 , 6 , 12

2 × ..... = 12

6 × ..... = 12

12 ÷ ..... = 6

..... ÷ 6 = 2

5 , 9 , 45

5 × ..... = 45

9 × ..... = 45

45 ÷ ..... = 9

..... ÷ 9 = 5

7 , 8 , 56

7 × ..... = 56

8 × ..... = 56

56 ÷ ..... = 7

..... ÷ 8 = 7

4 , 10 , 40

4 × ..... = 40

10 × ..... = 40

40 ÷ ..... = 4

..... ÷ 4 = 10

3 , 5 , 15

3 × ..... = 15

5 × ..... = 15

15 ÷ ..... = 3

..... ÷ 3 = 5

5 , 7 , 35

7 × ..... = 35

5 × ..... = 35

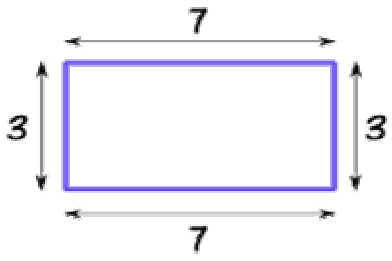
35 ÷ ..... = 7

..... ÷ 7 = 5

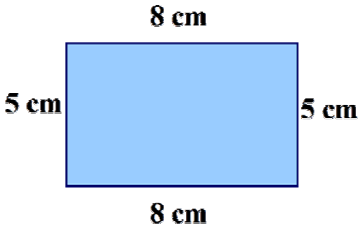
[3] The Perimeter

The perimeter of any polygon is the sum of its sides' lengths

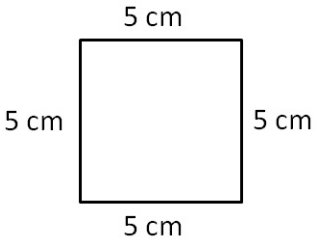
Find the perimeter of the following shapes:



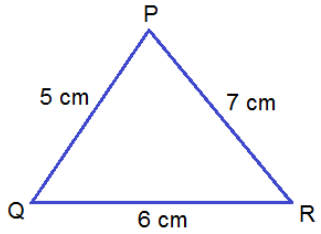
Perimeter = …… cm



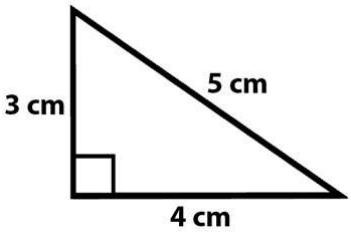
Perimeter = …… cm



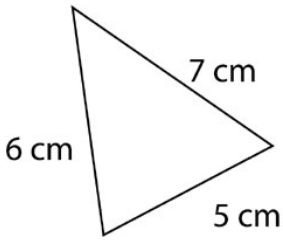
Perimeter = …… cm



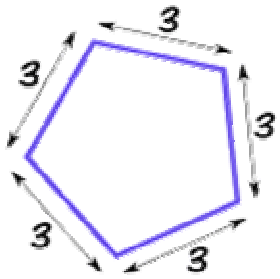
Perimeter = …… cm



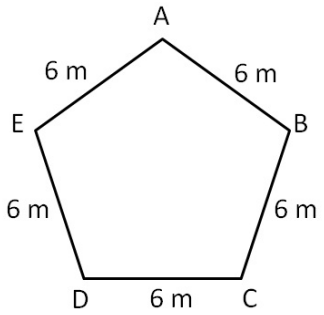
Perimeter = …… cm



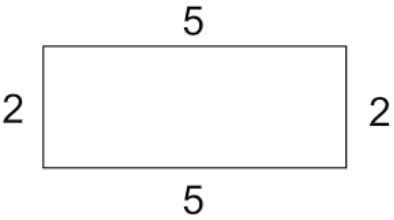
Perimeter = …… cm



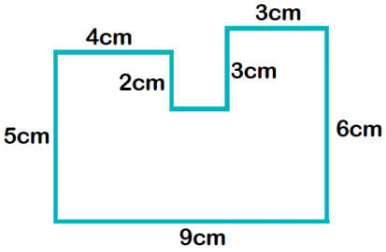
Perimeter = …… cm



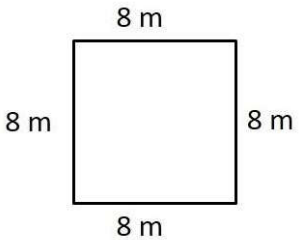
Perimeter = …… m



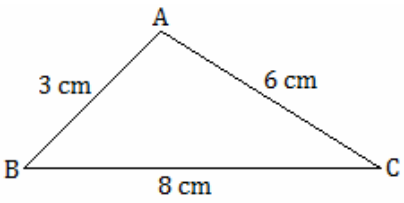
Perimeter = …… cm



Perimeter = …… cm

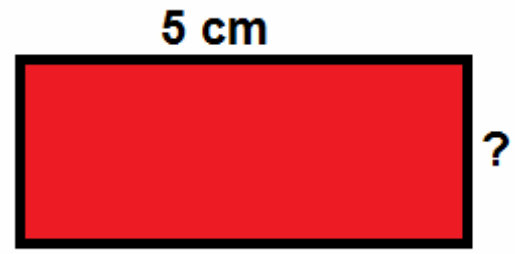
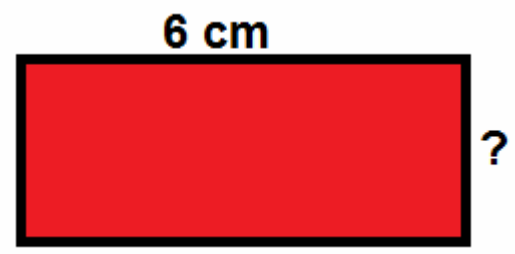
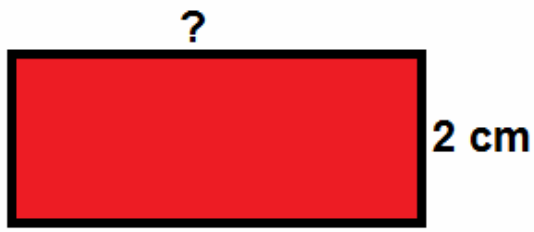
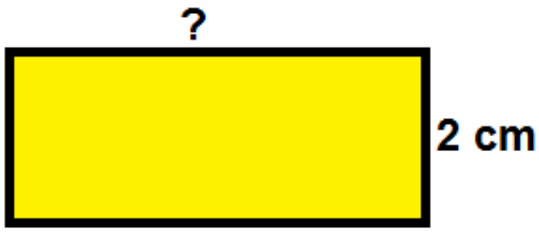
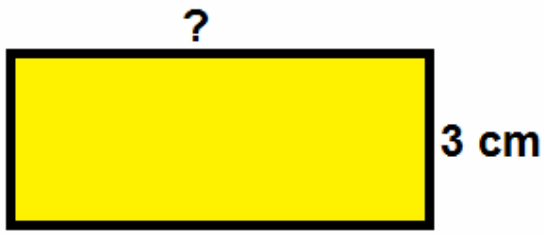
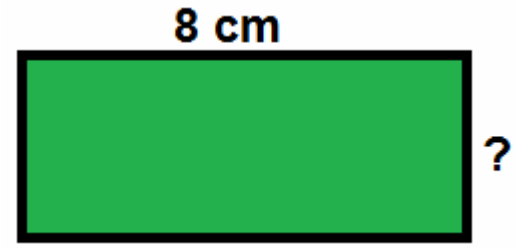
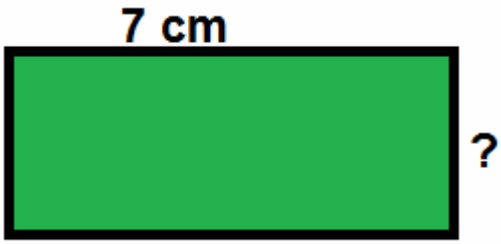
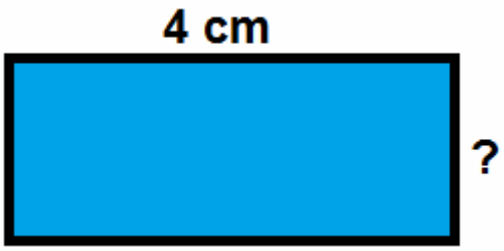


Perimeter = …… m

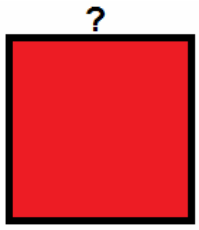
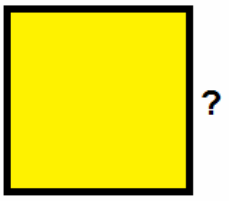
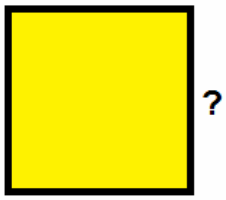
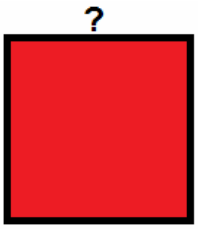
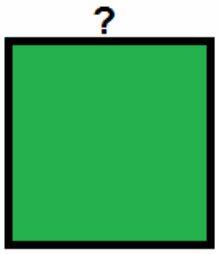
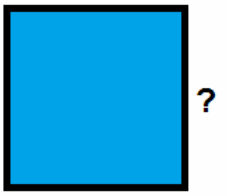
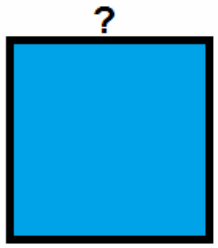
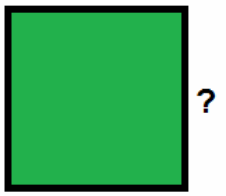


Perimeter = …… cm

Find the length of the side marked by (?):

Perimeter = 16 cm ……  	Perimeter = 20 cm …… 
Perimeter = 12 cm ……  	Perimeter = 10 cm …… 
Perimeter = 20 cm ……  	Perimeter = 24 cm …… 
Perimeter = 18 cm ……  	Perimeter = 14 cm …… 

Find the length of the side marked by (?):

Perimeter = 20 cm …… 	Perimeter = 12 cm …… 
Perimeter = 16 cm …… 	Perimeter = 24 cm …… 
Perimeter = 8 cm …… 	Perimeter = 28 cm …… 
Perimeter = 36 cm …… 	Perimeter = 40 cm …… 

[4] Story Problems of Two Steps

Ali saves L.E. 20 weekly, in the fourth week he saves L.E. 10 only. How much money did he save?

……

……

Miss Salma orders 3 packs. Each pack has 6 markers. She gave 1 marker to each student in her class, she has 2 left. How many students in the class?

……

……

Bassem buys a box containing 18 pieces of fruits. The box includes an equal number of figs, bananas and oranges. He ate all the figs. How many pieces of fruits did he have left?

……

……

Laila buys 24 seeds. She has 5 pots. She want to plant 3 seeds in each pot. How many more pots does Laila need to plant all seeds?

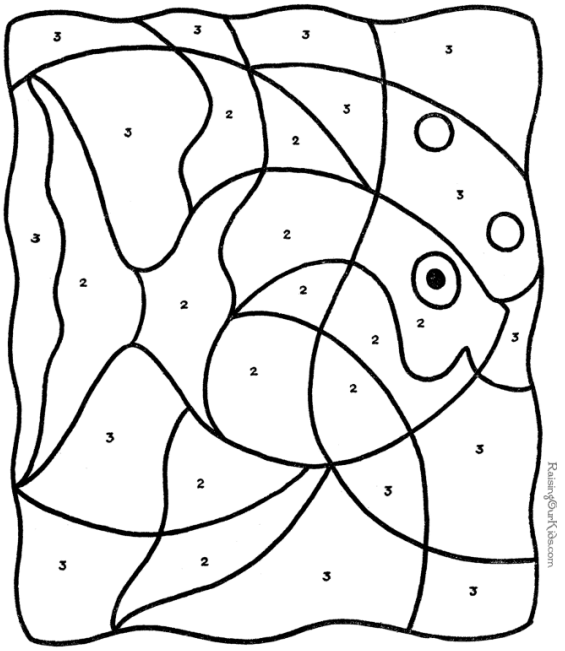
……

……

Complete:

(3 × 2) × ..... = 36	(8 × 3) × ..... = 48
2 × (5 × .....) = 50	7 × (12 × .....) = 0
(5 × 3) × ..... = 30	10 × (6 × .....) = 600
(9 × 7) × ..... = 63	(4 × 2) × ..... = 88

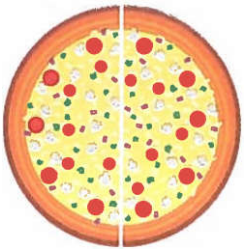
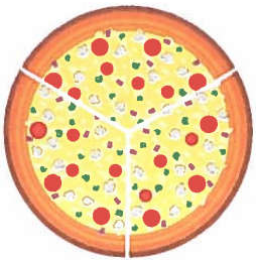
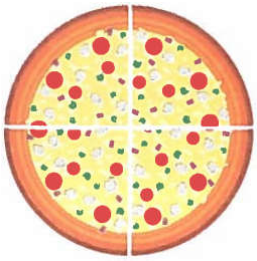
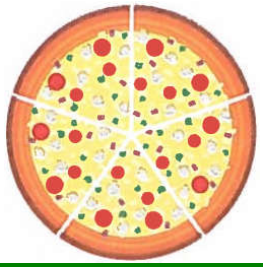
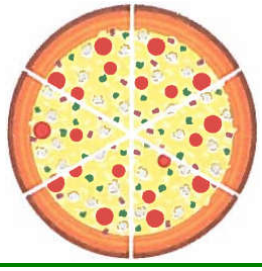
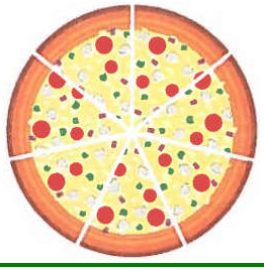
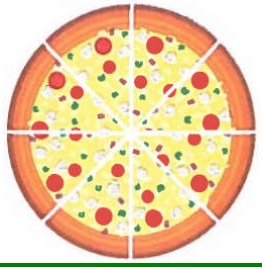
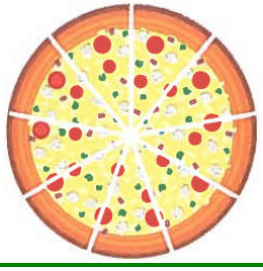
COLOR THE 2'S RED — COLOR THE 3'S BLUE



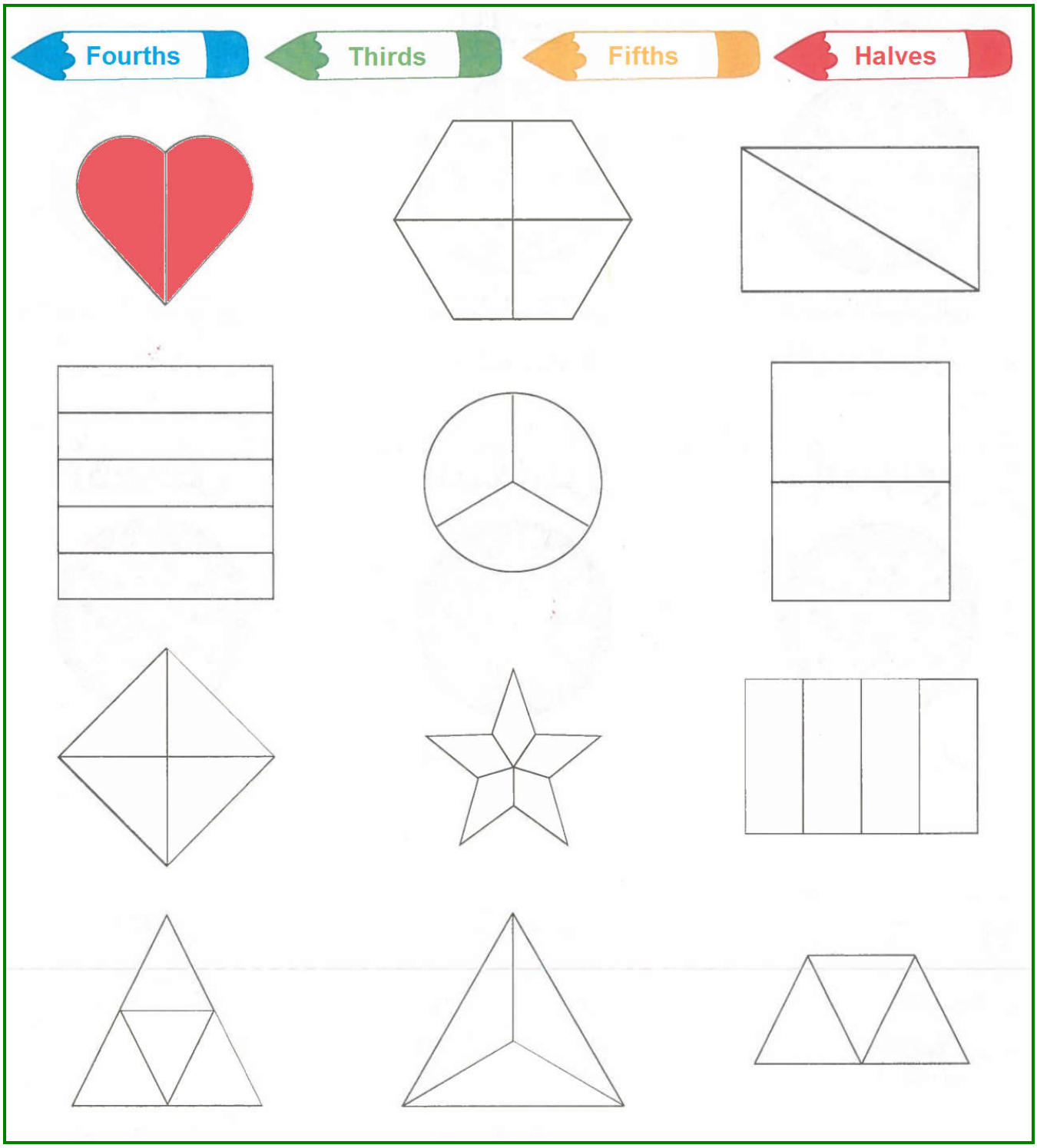
Sheet Three

[1] Fractions

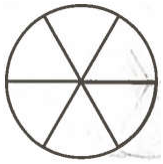
A	If 2 persons want to share a cookie fairly, circle the right image.	
B	If 3 persons want to share a cookie fairly, circle the right image.	
C	If 4 persons want to share a cookie fairly, circle the right image.	
D	Try to divide this cookie to share it fairly with 8 friends.	

halves 	thirds 	fourths 	fifths 
sixths 	sevenths 	eighths 	ninths 

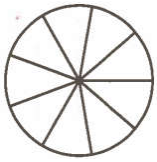
Color according to the key:

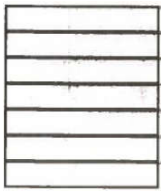


Join:

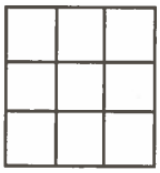


● Sevenths ●

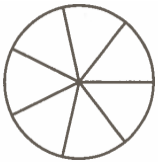


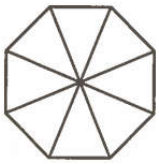


● Ninths ●



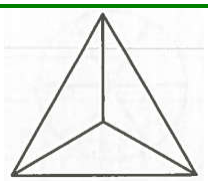
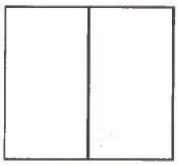
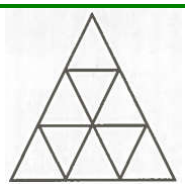
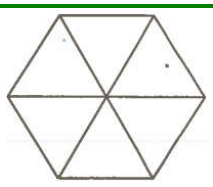
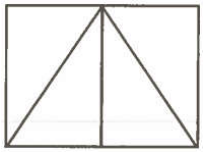
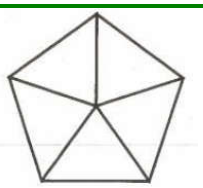
● Eighths ●





● Sixths ●

Complete as the example:

 Thirds		 .....
		 .....

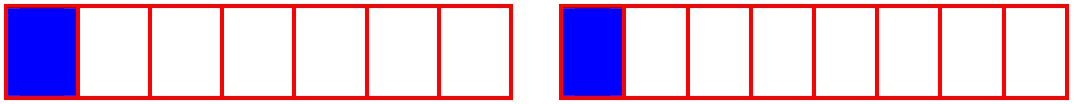
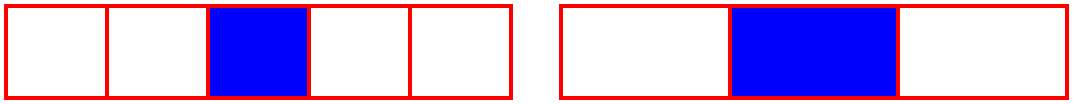
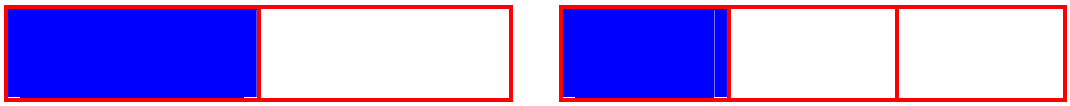
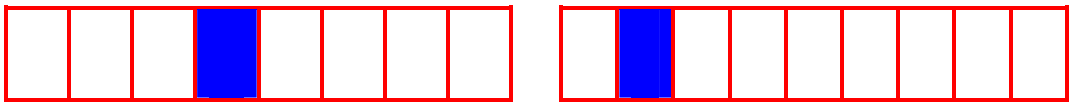
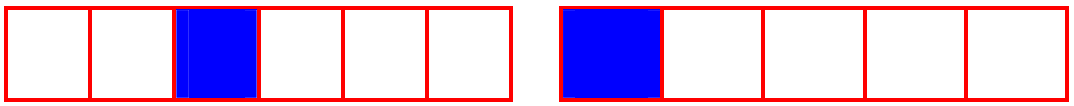
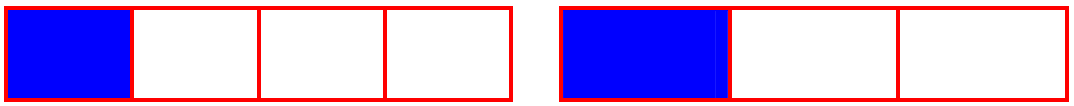
Read, trace then write:

$\frac{1}{2}$ half	$\frac{1}{3}$ third	$\frac{1}{4}$ fourth	$\frac{1}{5}$ fifth
half	third	fourth	fifth
half	third	fourth	fifth
$\frac{1}{6}$ sixth	$\frac{1}{7}$ seventh	$\frac{1}{8}$ eighth	$\frac{1}{9}$ ninth
sixth	seventh	eighth	ninth
sixth	seventh	eighth	ninth

Divide each clock into fractional parts as shown:

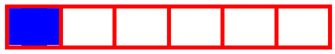
		
Halves	Thirds	Fourths

Choose the correct answer:

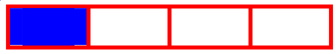
A	$\frac{1}{8}$	
B	$\frac{1}{5}$	
C	$\frac{1}{2}$	
D	$\frac{1}{9}$	
E	$\frac{1}{6}$	
F	$\frac{1}{3}$	

Write the fraction:

.... / ....

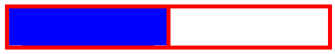


.... / ....

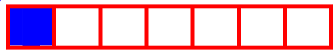


.... / ....

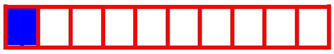
.... / ....



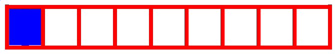
.... / ....



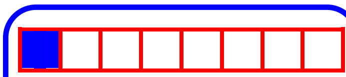
.... / ....



.... / ....



.... / ....

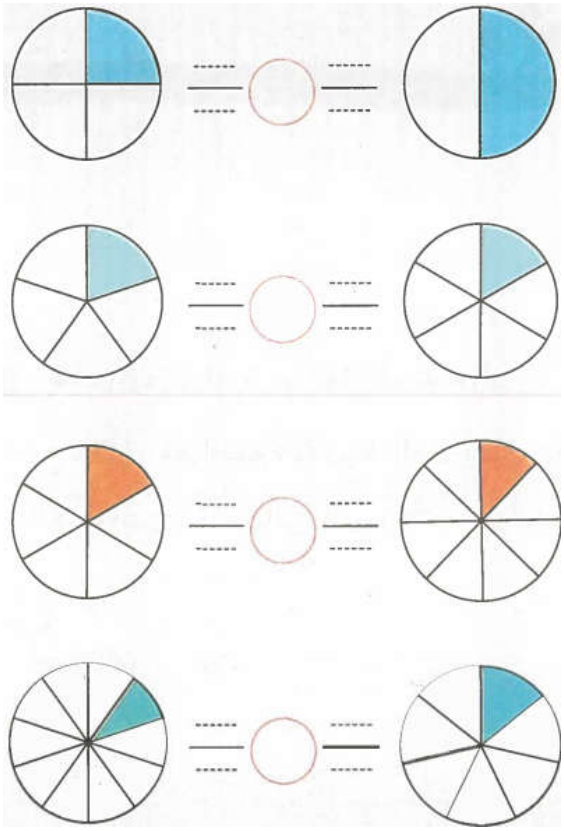


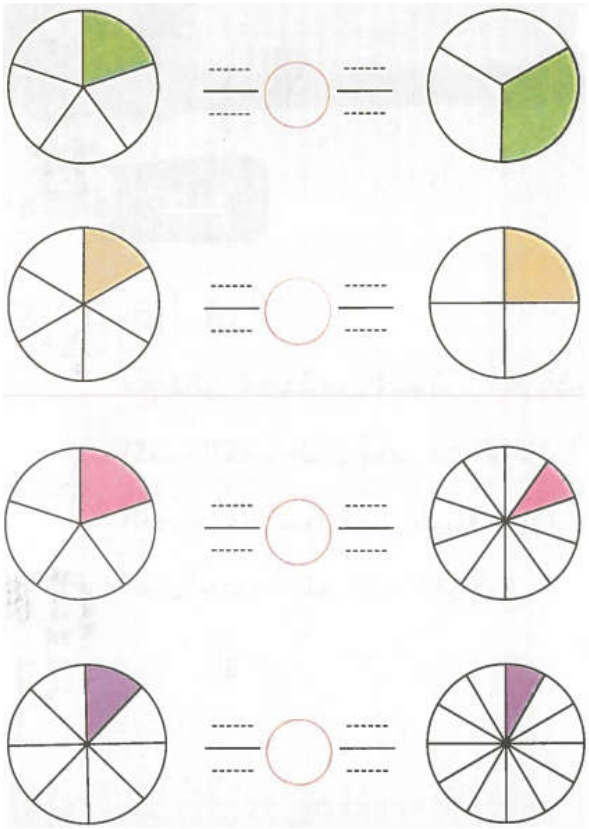
.... / ....

Write the fraction:

Seventh .... /	Eighth .... /	Sixth .... / ....
Third .... /	Fifth .... /	Ninth .... / ....
Fourth .... /	Half .... /	Tenth .... / ....

Write the fraction, then put (>), (<) or (=):





Circle the greater:

$\frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{3}$	1	$\frac{1}{4}$	$\frac{1}{7}$
$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{6}$
1	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{7}$	$\frac{1}{2}$	1
$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{5}$	$\frac{1}{6}$

Circle the smaller:

$\frac{1}{7}$	1	$\frac{1}{5}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{6}$
$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{10}$
$\frac{1}{4}$	$\frac{1}{5}$	1	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{7}$
$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{11}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{10}$

Put (>) or (<):

A	$\frac{1}{2}$	...	$\frac{1}{3}$	E	$\frac{1}{10}$	...	$\frac{1}{3}$
B	$\frac{1}{10}$	...	$\frac{1}{7}$	F	$\frac{1}{7}$	...	$\frac{1}{2}$
C	$\frac{1}{2}$	...	$\frac{1}{7}$	G	$\frac{1}{2}$	...	$\frac{1}{4}$
D	$\frac{1}{2}$	...	1	H	$\frac{1}{9}$	...	$\frac{1}{4}$

Circle: agree (👍) or disagree (👎):

A	$\frac{1}{2}$	<	$\frac{1}{3}$	👍	👎
B	$\frac{1}{7}$	>	$\frac{1}{10}$	👍	👎
C	$\frac{1}{2}$	<	$\frac{1}{7}$	👍	👎
D	$\frac{1}{2}$	>	1	👍	👎

➲ Rania needs $\frac{1}{3}$ L of oil and $\frac{1}{4}$ L of water to make batch of muffins. Will Rania use more oil or more water? .....

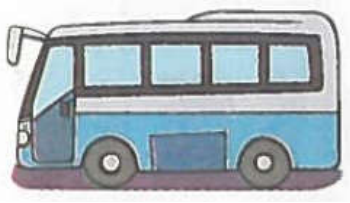
➲ Ashraf needs to cut some wood for a project. He needs $\frac{1}{8}$ of a meter for the top and $\frac{1}{6}$ of a meter for the base. Which piece of wood will be larger? .....

➲ Your friend Walid says that $\frac{1}{6}$ is greater than $\frac{1}{5}$ because 6 is greater than 5. Is Walid correct? .....

Sheet Four

[1] CONNECT

Choose the suitable unit:

 gram / kilogram	 gram / kilogram	 gram / kilogram
 gram / kilogram	 gram / kilogram	 gram / kilogram
 gram / kilogram	 gram / kilogram	 gram / kilogram
 gram / kilogram	 gram / kilogram	 gram / kilogram

[2] Fraction as a Part of a Set

How many apples are in the set? .....

What is the fraction of the set are red? .....

How many animals are in the set? .....

What is the fraction of the set are cats? .....

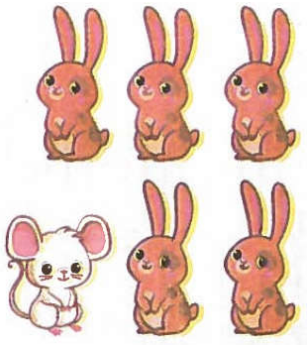
How many objects are in the set? .....

What is the fraction of the set are keys? .....

How many objects are in the set? .....

What is the fraction of the set are rockets? .....

What is the fraction of the set are airplanes? .....



How many animals are in the set? .....

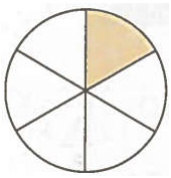
What is the fraction of the set are mice? .....

Laila picked 8 flowers for her mom. One of them was pink and the rest were red. What is the fraction of the set were pink?

How many flowers were in the set? .....

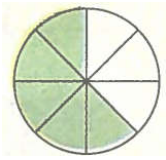
What is the fraction of the set were pink? .....

Discover the mistake and then correct it:



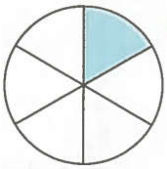
The shaded part is $\frac{1}{5}$

The correction: .....



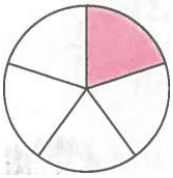
The shaded part is $\frac{4}{8}$

The correction: .....



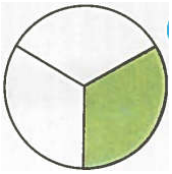
The shaded part is $\frac{5}{6}$

The correction: .....



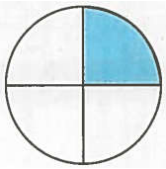
The shaded part is $\frac{1}{4}$

The correction: .....



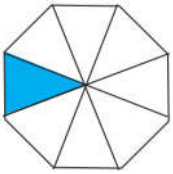
The shaded part is $\frac{1}{2}$

The correction: .....



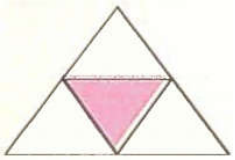
The shaded part is $\frac{1}{3}$

The correction: .....



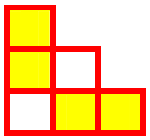
The shaded part is $\frac{7}{8}$

The correction: .....



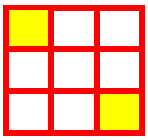
The shaded part is $\frac{3}{4}$

The correction: .....



The shaded part is $\frac{2}{7}$

The correction: .....



The shaded part is $\frac{2}{7}$

The correction: .....

A.

B.

➲ Kamal likes to eat a lot of pie. His friend told him he could have $\frac{1}{2}$ of a pie (A) or $\frac{1}{2}$ of a pie (B). Which pie should Kamal choose if he wants to eat a lot of pie? .....

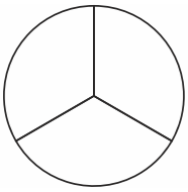
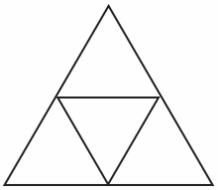
➲ Ali has 8 candies and Ahmed has 12 candies. Each of them ate $\frac{1}{2}$ of his candies.
Which of them ate more? .....

➲ Hoda and Mona donated with half of what they had, Hoda had L.E. 100 and Mona had L.E. 50.
Which of them donated less? .....

Circle the correct answer:

1. Which is longer: half of lunch time or half of Saturday?
2. Which is longer: half of a minute or half of an hour?
3. Which is more: half of an orange or half of a watermelon?
4. Which is more: half of a cookie or half of a cake?
5. Which is more: half of glass of water or half of swimming pool?
6. Which is more: half of a liter or half of a milliliter?

Read the directions for each shape. Then, answer the question:

A	Label the unit fractions for this rectangle. How many halves make one whole? ……	
B	Label the unit fractions for this circle. How many thirds make one whole? ……	
C	Label the unit fractions for this triangle. How many fourths make one whole? ……	

Complete:

$1 = \frac{\ldots}{2}$	$1 = \frac{\ldots}{7}$	$1 = \frac{8}{\ldots} = \frac{\ldots}{9}$
$\frac{12}{12} = \ldots$	$\frac{11}{11} = \frac{7}{7} = \ldots$	$\frac{5}{\ldots} = 1 = \frac{\ldots}{3}$

Answer the questions:

❶ How many halves in the whole one? .....

❷ How many fourths in the whole one? .....

❸ How many sevenths in the whole one? .....

❹ How many thirds in the whole one? .....

❺ How many ninths in the whole one? .....

❻ How many eighths in the whole one? .....

❼ How many sixths in the whole one? .....

❽ How many fifths in the whole one? .....

❾ How many tenths in the whole one? .....

❿ How many elevenths in the whole one? .....

Find the quotient:

40 ÷ 5 = ...	81 ÷ 9 = ...	24 ÷ 4 = ...
36 ÷ 6 = ...	21 ÷ 3 = ...	18 ÷ 3 = ...
12 ÷ 6 = ...	25 ÷ 5 = ...	80 ÷ 8 = ...
49 ÷ 7 = ...	90 ÷ 9 = ...	56 ÷ 8 = ...
10 ÷ 2 = ...	60 ÷ 6 = ...	22 ÷ 2 = ...

1. What is the third of 18 candies? .....

2. What is the half of 20 balloons? .....

3. What is the fourth of 16 pupils? .....

4. What is the sixth of 30 books? .....

5. What is the eighth of 18 marbles? .....

6. What is the third of 24 fish? .....

7. What is the sixth of 18 eggs? .....

1. What is the $\frac{1}{2}$ of 18? .....

2. What is the $\frac{1}{4}$ of 20? .....

3. What is the $\frac{1}{7}$ of 21? .....

4. What is the $\frac{1}{3}$ of 15? .....

5. What is the $\frac{1}{6}$ of 24? .....

6. What is the $\frac{1}{9}$ of 72? .....

7. What is the $\frac{1}{8}$ of 16? .....

[3] Fractions in our Life

$\frac{1}{4}$ of an hour = 15 minutes $\frac{1}{3}$ of an hour = 20 minutes

$\frac{1}{2}$ of an hour = 30 minutes $\frac{3}{4}$ of an hour = 45 minutes

1. Mona spends $\frac{3}{4}$ of an hour for preparing a cake and she puts it in the oven for $\frac{1}{4}$ of an hour. How many minutes needed for making the cake?

.....

2. Omnia walks $\frac{1}{3}$ of an hour and runs $\frac{1}{4}$ of an hour daily. How many minutes does Omnia take for practicing sport daily?

.....

Which do you prefer?

A	$\frac{1}{3}$ or $\frac{1}{4}$ of a chocolate bar?	.....
B	$\frac{1}{2}$ or $\frac{1}{4}$ of a pizza?	.....
C	$\frac{1}{8}$ or $\frac{1}{6}$ of a bottle of juice?	.....
D	$\frac{1}{4}$ or $\frac{1}{6}$ of a bag of candy?	.....
E	$\frac{1}{6}$ or $\frac{1}{10}$ of a watermelon?	.....

Arrange from smallest to greatest:

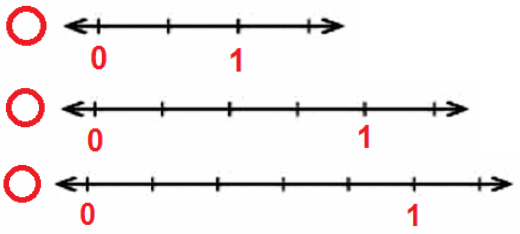
A	$\frac{1}{3}$, $\frac{1}{5}$, $\frac{1}{6}$	The order is: ..... , ... , ...
B	$\frac{1}{2}$, $\frac{1}{8}$, $\frac{1}{4}$	The order is: ..... , ... , ...
C	$\frac{1}{12}$, $\frac{1}{7}$, $\frac{1}{10}$	The order is: ..... , ... , ...
D	$\frac{1}{9}$, $\frac{1}{3}$, $\frac{1}{6}$	The order is: ..... , ... , ...
E	$\frac{1}{4}$, $\frac{1}{8}$, $\frac{1}{5}$	The order is: ..... , ... , ...

Sheet Five

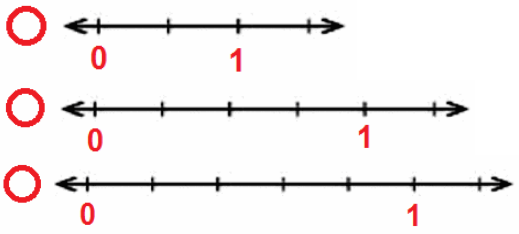
[1] Fractions on the Number Line

Choose the correct answer:

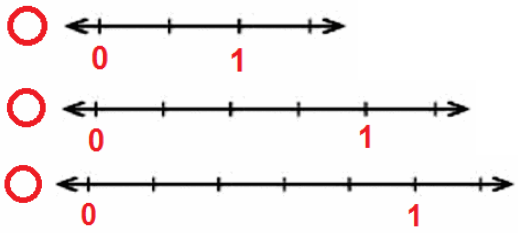
Ali divides the pizza into 5 equal parts and gives her sister one part.



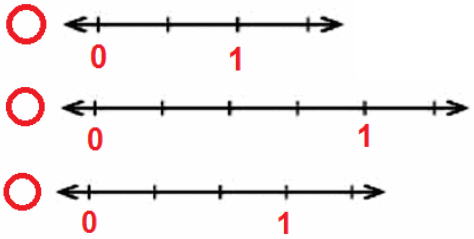
Ahmed drinks half liter of juice after he playing a match.



Rania walks $\frac{1}{4}$ km to the club with her friends.

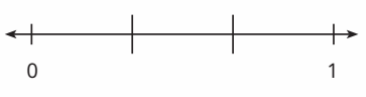


Hany distributed a pie among his three friends.

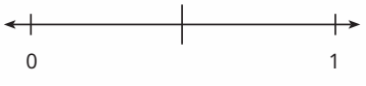


Match:

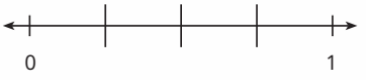
Mona had a rope. She needed $\frac{1}{2}$ of it for a project.



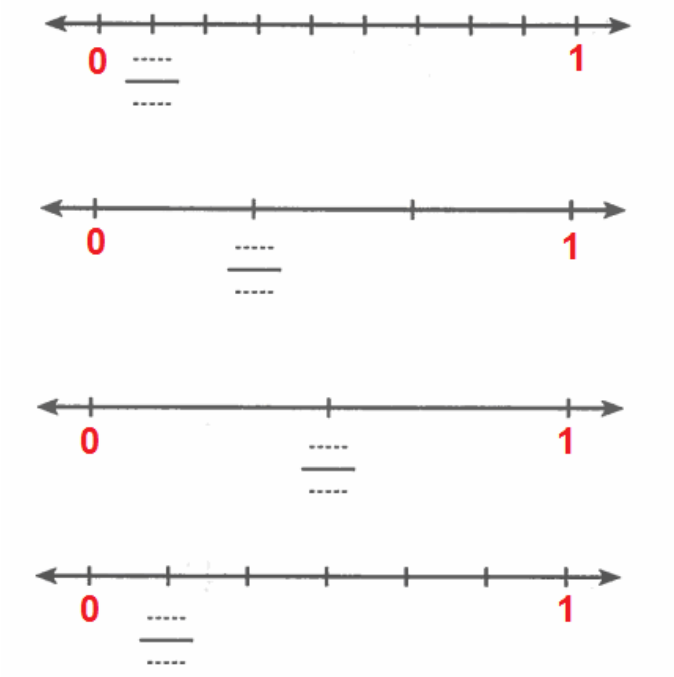
Omar had a meter of wood. He needed $\frac{1}{3}$ of the meter for a bird house.

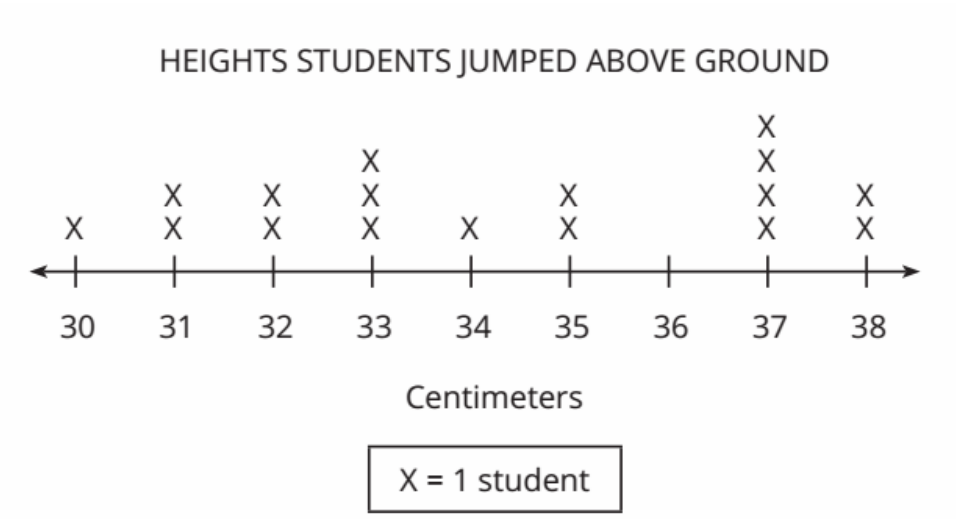


Sara was sewing beads onto a meter of ribbon. She wanted to sew a bead on each $\frac{1}{4}$ of the ribbon.



Write the fraction on the number line:



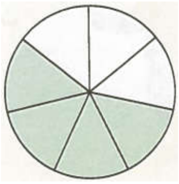
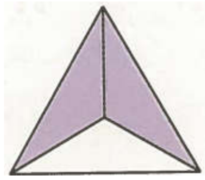
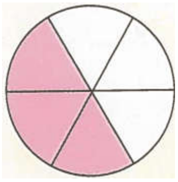
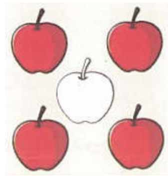
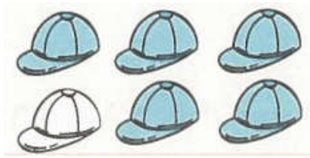
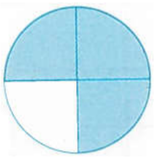
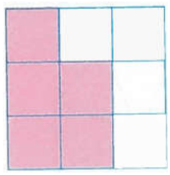
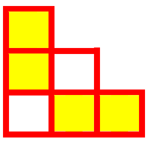
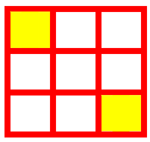


Using the above line plots circle: agree (👍) or disagree (👎):

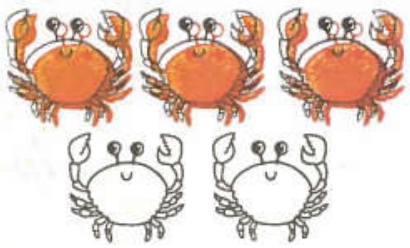
A	There are 1 student jumped 34 cm.	👍	👎
B	There are 5 students jumped lower than 32 cm.	👍	👎
C	There are 8 students jumped higher than 34 cm.	👍	👎
D	There are 2 students jumped 38 cm.	👍	👎
E	There are 4 students jumped higher than 37 cm.	👍	👎
F	There are 3 students jumped lower than 32 cm.	👍	👎
G	There are 2 students jumped 35 cm.	👍	👎
H	There are 9 students jumped higher than 33 cm	👍	👎

[2] Proper Fractions

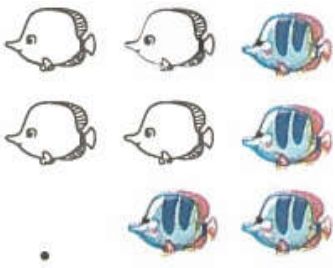
Complete as the example:

 $\frac{4}{7}$ read as four sevenths	 $\frac{2}{3}$ read as ....
 $\frac{...}{...}$ read as	 $\frac{...}{...}$ read as ....
 $\frac{...}{...}$ read as	 $\frac{...}{...}$ read as ....
 $\frac{...}{...}$ read as	 $\frac{...}{...}$ read as ....
 $\frac{...}{...}$ read as	 $\frac{...}{...}$ read as ....

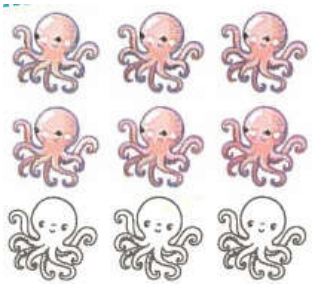
… read as ……



… read as ……

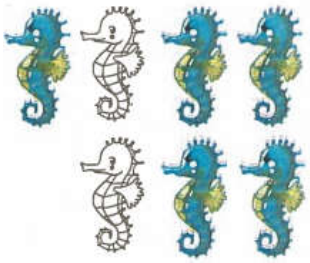


… read as ……

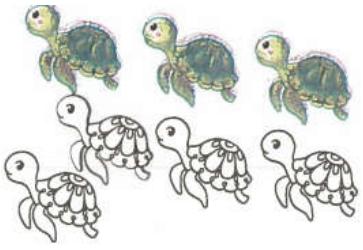


… read as ……

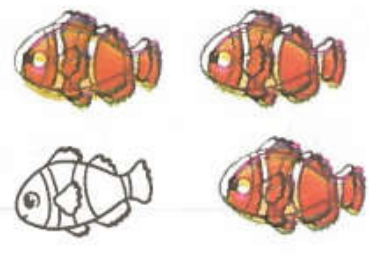
… read as ……



… read as ……

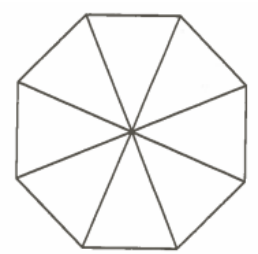
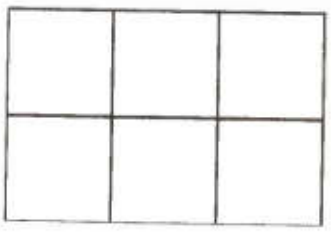
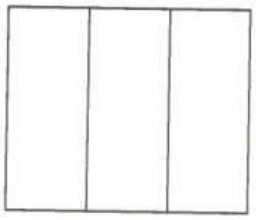
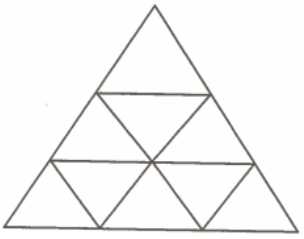
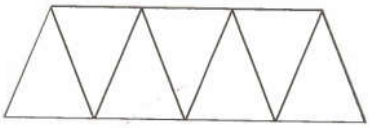
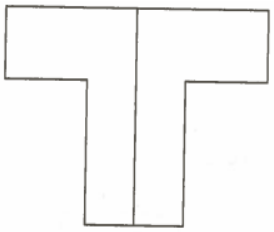
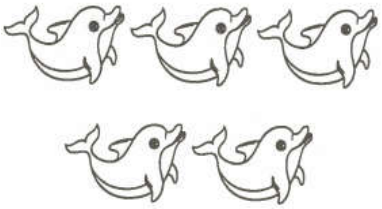
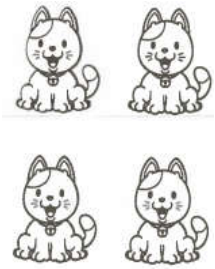
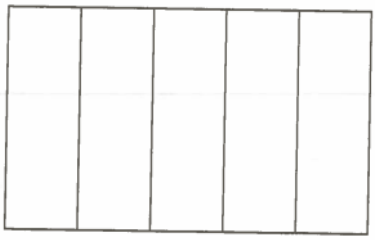


… read as ……

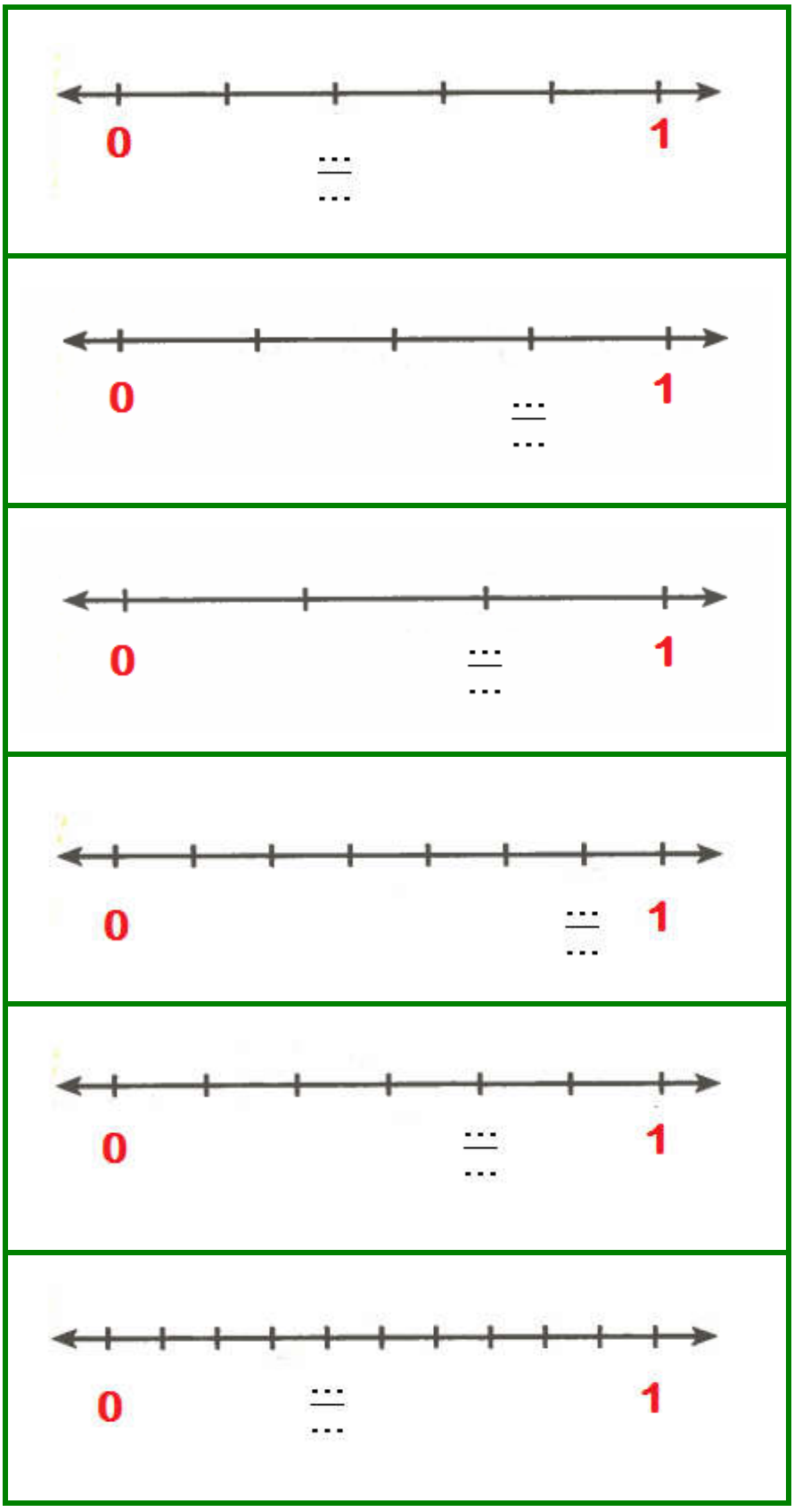


… read as ……

Color according to the fraction:

$\frac{4}{8}$ 	$\frac{1}{6}$ 
$\frac{2}{3}$ 	$\frac{8}{9}$ 
$\frac{4}{7}$ 	$\frac{1}{2}$ 
$\frac{3}{5}$ 	$\frac{5}{8}$ 
$\frac{3}{4}$ 	$\frac{2}{5}$ 

Write the fraction:



[3] Comparing Fraction

Circle the greater:

$\frac{2}{5}$	$\frac{3}{5}$	$\frac{4}{7}$	$\frac{3}{7}$	$\frac{4}{5}$	$\frac{3}{5}$
$\frac{2}{10}$	$\frac{1}{10}$	$\frac{4}{9}$	$\frac{5}{9}$	$\frac{3}{11}$	$\frac{5}{11}$
$\frac{3}{8}$	$\frac{5}{8}$	$\frac{1}{6}$	$\frac{5}{6}$	$\frac{2}{7}$	$\frac{3}{7}$
$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{7}{12}$	$\frac{5}{12}$

Circle the smaller:

$\frac{2}{5}$	$\frac{3}{5}$	$\frac{4}{5}$	$\frac{3}{5}$	$\frac{4}{7}$	$\frac{3}{7}$
$\frac{2}{10}$	$\frac{1}{10}$	$\frac{3}{11}$	$\frac{5}{11}$	$\frac{4}{9}$	$\frac{5}{9}$
$\frac{3}{8}$	$\frac{5}{8}$	$\frac{2}{7}$	$\frac{3}{7}$	$\frac{1}{6}$	$\frac{5}{6}$
$\frac{1}{3}$	$\frac{2}{3}$	$\frac{7}{12}$	$\frac{5}{12}$	$\frac{1}{4}$	$\frac{3}{4}$

Put (>) or (<):

A	$\frac{4}{5}$	…	$\frac{3}{5}$	E	$\frac{2}{5}$	…	$\frac{3}{5}$
B	$\frac{3}{11}$	…	$\frac{5}{11}$	F	$\frac{2}{10}$	…	$\frac{1}{10}$
C	$\frac{2}{7}$	…	$\frac{3}{7}$	G	$\frac{3}{8}$	…	$\frac{5}{8}$
D	$\frac{7}{12}$	…	$\frac{5}{12}$	H	$\frac{1}{3}$	…	$\frac{2}{3}$

Circle: agree (👍) or disagree (👎):

A	$\frac{4}{7}$	<	$\frac{3}{7}$	👍	👎
B	$\frac{4}{9}$	>	$\frac{5}{9}$	👍	👎
C	$\frac{1}{6}$	<	$\frac{5}{6}$	👍	👎
D	$\frac{1}{4}$	>	$\frac{3}{4}$	👍	👎

Circle the greater:

$\frac{2}{7}$	$\frac{2}{5}$	$\frac{4}{7}$	$\frac{4}{9}$	$\frac{3}{8}$	$\frac{3}{5}$
$\frac{2}{10}$	$\frac{2}{11}$	$\frac{5}{7}$	$\frac{5}{9}$	$\frac{3}{11}$	$\frac{3}{4}$
$\frac{3}{8}$	$\frac{5}{6}$	$\frac{3}{7}$	$\frac{3}{5}$	$\frac{6}{7}$	$\frac{6}{11}$
$\frac{1}{3}$	$\frac{1}{8}$	$\frac{7}{9}$	$\frac{7}{10}$	$\frac{8}{9}$	$\frac{8}{11}$

Circle the smaller:

$\frac{2}{7}$	$\frac{2}{5}$	$\frac{4}{7}$	$\frac{4}{9}$	$\frac{3}{8}$	$\frac{3}{5}$
$\frac{3}{8}$	$\frac{5}{6}$	$\frac{3}{7}$	$\frac{3}{5}$	$\frac{6}{7}$	$\frac{6}{11}$
$\frac{1}{3}$	$\frac{1}{8}$	$\frac{7}{9}$	$\frac{7}{10}$	$\frac{8}{9}$	$\frac{8}{11}$
$\frac{2}{10}$	$\frac{2}{11}$	$\frac{5}{7}$	$\frac{5}{9}$	$\frac{3}{11}$	$\frac{3}{4}$

Put (>) or (<):

A	$\frac{2}{7}$	…	$\frac{2}{5}$	E	$\frac{3}{8}$	…	$\frac{3}{5}$
B	$\frac{3}{8}$	…	$\frac{5}{6}$	F	$\frac{3}{11}$	…	$\frac{3}{4}$
C	$\frac{1}{3}$	…	$\frac{1}{8}$	G	$\frac{6}{7}$	…	$\frac{6}{11}$
D	$\frac{2}{10}$	…	$\frac{2}{11}$	H	$\frac{8}{9}$	…	$\frac{8}{11}$

Circle: agree (👍) or disagree (👎):

A	$\frac{4}{7}$	<	$\frac{4}{9}$	👍	👎
B	$\frac{3}{7}$	>	$\frac{3}{5}$	👍	👎
C	$\frac{7}{9}$	<	$\frac{7}{10}$	👍	👎
D	$\frac{5}{7}$	>	$\frac{5}{9}$	👍	👎

Sheet Six

[1] CONNECT

Order from least to greatest:

432	342	443	324

_____ ; _____ ; _____ ; _____

10,245	11,123	2,451	10,001

_____ ; _____ ; _____ ; _____

Order from greatest to least:

999	90	199	991

_____ ; _____ ; _____ ; _____

89,001	90,002	90,020	8,999

_____ ; _____ ; _____ ; _____

[2] Adding and Subtracting Fractions

Add:

A. $\frac{1}{4} + \frac{2}{4} = \frac{....}{....}$

B. $\frac{1}{8} + \frac{5}{8} = \frac{....}{....}$

C. $\frac{3}{9} + \frac{4}{9} = \frac{....}{....}$

D. $\frac{5}{10} + \frac{2}{10} = \frac{....}{....}$

E. $\frac{4}{6} + \frac{1}{6} = \frac{....}{....}$

Subtract:

$\frac{3}{4} - \frac{1}{4} = \frac{....}{....}$

$\frac{7}{9} - \frac{3}{9} = \frac{....}{....}$

$\frac{6}{7} - \frac{4}{7} = \frac{....}{....}$

$\frac{4}{11} - \frac{2}{11} = \frac{....}{....}$

$\frac{9}{10} - \frac{4}{10} = \frac{....}{....}$

Find the result and then, match:

$\frac{6}{7} - \frac{2}{7} = \frac{....}{....}$ •

$\frac{2}{5} + \frac{1}{5} = \frac{....}{....}$ •

$\frac{6}{9} - \frac{3}{9} = \frac{....}{....}$ •

$\frac{9}{12} - \frac{7}{12} = \frac{....}{....}$ •

$\frac{9}{10} - \frac{2}{10} = \frac{....}{....}$ •

• $\frac{4}{5} - \frac{1}{5} = \frac{....}{....}$

• $\frac{1}{9} + \frac{2}{9} = \frac{....}{....}$

• $\frac{1}{12} + \frac{1}{12} = \frac{....}{....}$

• $\frac{5}{10} + \frac{2}{10} = \frac{....}{....}$

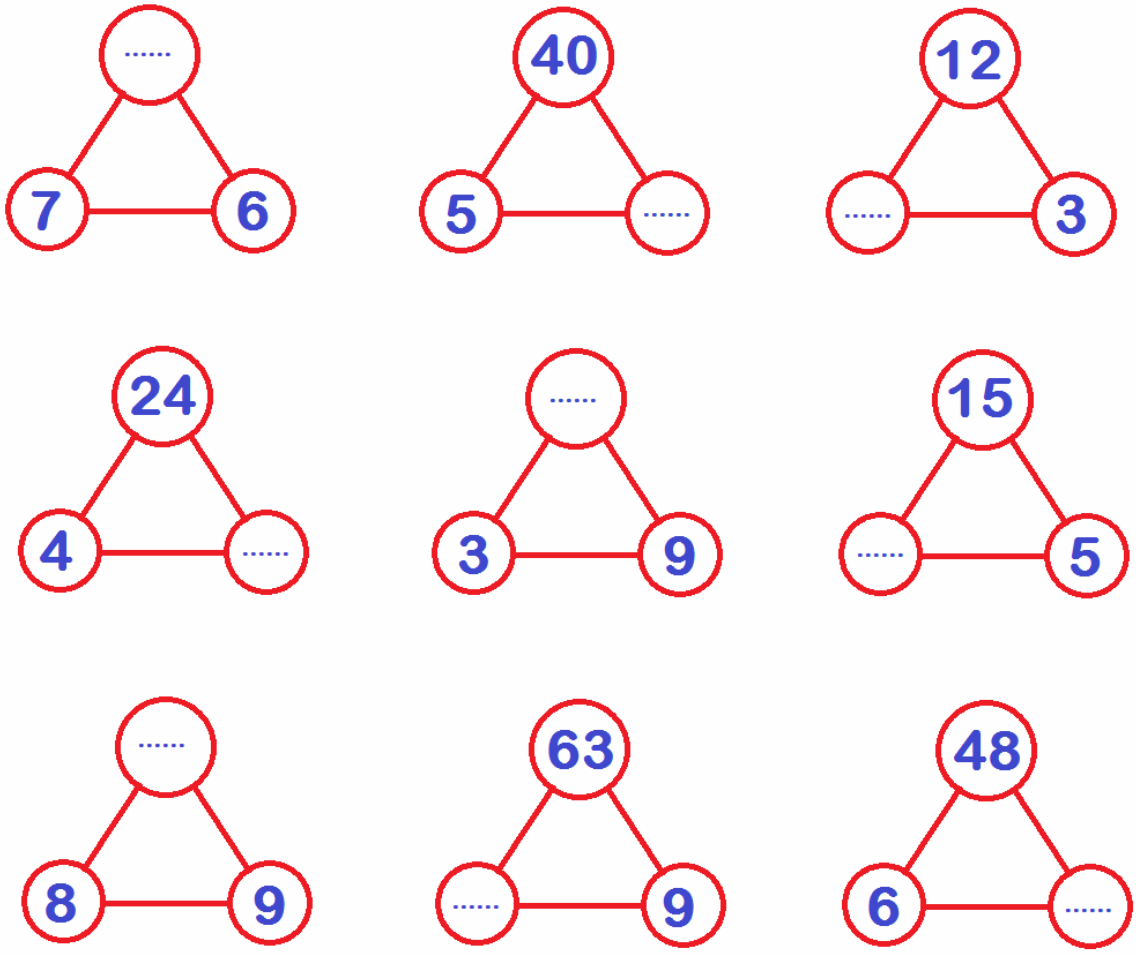
• $\frac{3}{7} + \frac{1}{7} = \frac{....}{....}$

Complete:

A	$\frac{5}{7} - \frac{...}{...} = \frac{3}{7}$
B	$\frac{...}{...} + \frac{6}{10} = \frac{9}{10}$
C	$\frac{8}{12} - \frac{...}{...} = \frac{6}{12}$

D	$\frac{2}{9} + \frac{...}{...} = \frac{7}{9}$
E	$\frac{8}{8} - \frac{...}{...} = \frac{4}{8}$
F	$\frac{...}{...} + \frac{1}{11} = \frac{8}{11}$

Complete the facts of multiplication and division:



Story problems:

1. Mohamed ate $\frac{1}{6}$ of his sandwich at snack time and $\frac{2}{6}$ of his sandwich at lunch. How much of his sandwich did he ate in all?

.....

2. Omar brought $\frac{2}{4}$ of a candy bar to the playground. He gave $\frac{1}{4}$ of it to a friend. How much does he have left?

.....

3. Maha and Mona backed cakes that were the same size. Maha gave $\frac{3}{4}$ of her cake to her class. Mona gave $\frac{2}{4}$ of her cake to her class. Which class received more cake, Maha's class or Mona's class? .....

4. The juice container at Farida's house was $\frac{5}{6}$ full. Farida drank $\frac{5}{6}$ of the juice. How much juice was left in the container? .....

5. Yesterday, Marwan ran $\frac{2}{8}$ of a kilometer and then stopped to drink some water. After his water break, he ran another $\frac{2}{8}$ of a kilometer. What fraction of a kilometer did Marwan run?

.....

6. Walaa's house is $\frac{2}{3}$ of a kilometer from school. Ali's house is $\frac{1}{3}$ of a kilometer from school. Who lives closest to school?

.....

Best Wishes